



Sec 101 #3
Box - 829

PATENT
Attorney Docket No. EXT-036

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Shuber
SERIAL NO.: 09/514,865 GROUP NO.: 1643
FILING DATE: February 28, 2000 EXAMINER: Not yet assigned
TITLE: Methods for Disease Detection

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 11th day of July, 2000.

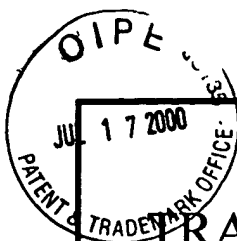

Wendy Martin

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith are the following:

Transmittal Form (1 page); Fee Transmittal Form (1 pg.); Response to Notice to File Missing Parts (1 pg.); Executed Declaration and Power of Attorney (3 pgs.); Statement claiming Small Entity Status (1 pg); Statements Under 37 C.F.R. §§1.821(f) and 1.181(g) (1 pg.); Sequence Listing (3 pgs.); Computer-readable diskette of Sequence Listing; Amendment ((1 pg.); Copy of Notice to File Missing Parts of Nonprovisional Application (2 pgs.); check in the amount of \$410.00; postcard.



TRANSMITTAL FORM

Application Serial Number	09/514,865
Filing Date	February 28, 2000
First Named Inventor	Shuber
Group Art Unit	1643
Examiner Name	Not yet assigned
Attorney Docket No.	EXT-036

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> Response to Restriction Requirement and Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] <input type="checkbox"/> Petition for Extension of Time Under 37 CFR 1.136(a) <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Notice to File Missing Parts of Application (FORM PTO-1533)	<input checked="" type="checkbox"/> Copy of Notice to File Missing Parts of Application (FORM PTO-1533) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert to a Provisional Application <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input checked="" type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input checked="" type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below) <input checked="" type="checkbox"/> Statements Under 37 C.F.R. §§1.821(f) and 1.181(g) <input checked="" type="checkbox"/> Sequence Listing <input checked="" type="checkbox"/> Computer-readable diskette of the Sequence Listing
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CORRESPONDENCE ADDRESS

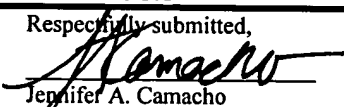
Direct all correspondence to: Patent Administrator
 Testa, Hurwitz & Thibault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,
 Date: 7/11/00
 Reg. No. 43,326
 Tel. No.: (617) 248-7476
 Fax No.: (617) 248-7100
 Jennifer A. Camacho
 Attorney for Applicant
 Testa, Hurwitz & Thibault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110

OFFICE TRANSMITTAL Note: Effective January 10, 2000. Patent fee schedule subject to annual revision JUL 17 2000 PATENT & TRADEMARK OFFICE	<i>Complete if Known</i>		
	Application Serial Number	09/514,865	
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METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																	
1. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other 2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.	3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>130</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>65.00</td> </tr> <tr> <td>50</td> <td>25</td> <td>Surcharge - late provisional filing fee or</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>2,520</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>380</td> <td>190</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>870</td> <td>435</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1,360</td> <td>680</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1,850</td> <td>925</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>300</td> <td>150</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>300</td> <td>150</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>260</td> <td>130</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>50</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>240</td> <td>240</td> <td>Submission of Information Disclosure Statement (37 CFR 1.97(c))</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Submission of Information Disclosure Statement (37 CFR 1.97(d))</td> <td></td> </tr> <tr> <td>690</td> <td>345</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>690</td> <td>345</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Other (Specify)</td> <td></td> </tr> </tbody> </table>	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath	65.00	50	25	Surcharge - late provisional filing fee or		130	130	Non-English specification		2,520	2,520	For filing a request for reexamination		110	55	Extension for reply within first month		380	190	Extension for reply within second month		870	435	Extension for reply within third month		1,360	680	Extension for reply within fourth month		1,850	925	Extension for reply within fifth month		300	150	Notice of Appeal		300	150	Filing a brief in support of an appeal		260	130	Request for oral hearing		130	130	Petitions to the Commissioner		50	50	Petitions related to provisional applications		240	240	Submission of Information Disclosure Statement (37 CFR 1.97(c))		130	130	Submission of Information Disclosure Statement (37 CFR 1.97(d))		690	345	Filing a submission after final rejection (37 CFR 1.129(a))		690	345	For each additional invention to be examined (37 CFR 1.129(b))				Other (Specify)																		
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CORRESPONDENCE ADDRESS	SIGNATURE BLOCK
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100	Date: 7/11/00 Reg. No.: 43,326 Tel. No.: 617-248-7476 Fax No.: (617) 248-7100 Respectfully submitted,  Jennifer A. Camacho Attorney for the Applicants Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110



#3

PATENT
Attorney Docket No. EXT-036
(2457/2)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Shuber
SERIAL NO.: 09/514,865 GROUP NO.: 1643
FILING DATE: February 28, 2000 EXAMINER: Not Yet Assigned
TITLE: Methods for Disease Detection

Assistant Commissioner for Patents
Washington, D.C. 20231
Attention: Box Missing Parts

Sir:

RESPONSE TO NOTICE TO FILE MISSING PARTS


In response to the Notice to File Missing Parts dated May 12, 2000, enclosed is the executed Declaration/Power of Attorney, Small Entity Statement, Statements Under 37 C.F.R. §§1.821(f) and 1.181(g), paper copy of the Sequence Listing, a computer-readable diskette of the Sequence Listing, and a check in the amount of \$410.00 in payment of the filing fee and surcharge for a small entity for filing in the application identified above. Also enclosed is an Amendment requesting entry into the application of the paper copy of the Sequence Listing.

Please charge Deposit Account No. 20-0531 for any additional fees that may be due in this matter.

Respectfully submitted,

Date: 7/11/00
Reg. No. 43,526

Tel. No. (617) 248-7476
Fax: (617) 248-7100


Jennifer A. Camacho
Attorney for Applicants
Testa, Hurwitz, & Thibeault
High Street Tower
125 High Street
Boston, Massachusetts 02110

CAMACHO2457/2.1026867-1



FORMALITIES LETTER



OC000000005111737

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/514,865	02/28/2000	ANTHONY P. SHUBER	EXT-036

21323
 TESTA HURWITZ & THIBEAULT
 HIGH STREET TOWER
 125 HIGH STREET
 BOSTON, MA 02110

Date Mailed: 05/12/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**FILED UNDER 37 CFR 1.53(b)*****Filing Date Granted***

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):
 - This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
 - A copy of the "Sequence Listing" in computer readable form has not been submitted as required under 37 CFR 1.821(e).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-1123
- For CRF Submission Help, call (703) 308-4212
- PatentIn Software Program Support
 - - For Technical Assistance, call (703) 287-0200
 - - To Purchase PatentIn Software, call (703) 306-2600

- The balance due by applicant is \$ 820.

07/18/2000 00000095 09514865 345.00 DP
 01 FC:201 65.00 DP
 02 FC:205

A copy of this notice MUST be returned with the reply.

K. N. Nelson

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE